

90 DEG BACKSHELL CONNECTORS**(a) PURCHASE DESCRIPTION:****1. COMMON NOMENCLATURE:**

Adapter, cable clamp to connector, 90 deg Backshell.

KIND OF MATERIALS:

Aluminum Alloy, silicone base rubber as specified in 81349-MIL-C-85049/9.

ELECTRICAL DATA: NONE**DIMENSIONS, SIZE OR CAPACITY:**

Body angle in deg 90 deg

Cable opening dia 0.125 in min and 0.312 in max

Distance from centerline to cable end 2.947 in

Distance from centerline to connector end 1.470 in

Nominal thread length 0.290 in

Nominal thread size 0.625 in

Size designation 10 and 10S and 10 SL

Thread class 2B

Thread direction right handed

Thread series designator unef

PRINCIPLES OF OPERATION:

This Backshell is used to bring electrical signals into an electronic unit that has limited space to use regular wiring connectors. This allows to user more flexibility when connecting and disconnecting cabling to the electronic units.

RESTRICTIVE ENVIRONMENTAL CONDITIONS:

Must meet MIL-C-85049

INTENDED USE:

Backshell attaches electrical cable to an electrical connector on the back of an electronic device.

EQUIPMENT WITH WHICH ITEM IS TO BE USED

Backshell is used within electrical cabinets with electronic components.

END ITEM APPLICATION

Backshell is used to enclose wiring that is attached to an electrical connector. Backshell attaches to connector while bringing the cable or wire at a 90 deg angle from the connector body.

ORIGINAL EQUIPMENT MANUFACTURER'S PART NUMBER
M85049/9-4W